BRUHAT BANGALORE MAHANAGARA PALIKE YELAHANKA ZONE								
PRE- MEASUREMENTS								
Name of Work: Solid Waste Management Work in Ward No 08.								
Job Code : 008-17-000063 , 12-03-18 to 26-03-18, 11/04/18 to 16/04/18.								
Sl No	**Description of item**	**Sides**	**No**	**L**	**B**	**D**	**Qty**	**Unit**
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 **(Page no - 5, item no - 2.3)**							
	Footings							
	F1 (1725 X 1600) mm		4	1.925	1.80	2.00	27.72	
	F2 (1500 X 1300) mm		8	1.700	1.50	2.00	40.80	
	Foundation							
	SWM Centre		1	53.00	0.90	0.90	42.93	
	For Compound		1	161.00	0.75	0.90	108.68	
	Tiolet		1	10.00	0.75	0.60	4.50	
	Shed		1	5.00	0.75	0.60	2.25	
	Flooring							
	SWM Centre		1	14.45	10.40	0.30	45.08	
	Toilet							
	T1		1	1.10	1.55	0.30	0.51	
	T2		1	1.10	1.55	0.30	0.51	
	T3		1	1.95	2.00	0.30	1.17	
	Toilet (Shed)		1	1.00	2.00	0.30	0.60	
	Shed Path Way		1	8.00	1.50	0.30	3.60	
	Passage		1	9.00	2.10	0.30	5.67	
	Shed		1	0.75	1.90	0.30	0.43	
			1	1.75	4.70	0.30	2.47	
	For Street Lights		12	0.45	0.45	0.60	1.46	
	Gate 1		2	0.45	0.45	0.60	0.24	
					Total Quantity		**288.62**	**Cum**

Assistant Executive Engineer,
KRIDL, BBMP, Bangalore

Assistant Engineer

Assistant Executive Engineer

Name of Work: Solid Waste Management Work in Ward No 08.

Job Code : 008-17-000063 10/04/18

Sl No	Description of item	Sides	No	L	B	D	Qty	Unit
2	KSRB-3.2: Providing and injecting chemical emulsion for Pre- constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7 **(Page no -9, item no - 3.2)**							
	for plinth area							
	F1 (1725 X 1600) mm		4	1.925	1.800		13.86	
	F2 (1500 X 1300) mm		8	1.700	1.500		20.40	
	Foundation							
			1	53.00	0.90		47.70	
					Total Quantity		**81.96**	**Sqm**

Checked & found correct
K. Nanjappa

Assistant Engineer

Assistant Executive Engineer

Name of Work: Solid Waste Management Work in Ward No 08.

Work Code : 008-17-000063 11/05/18 . 21/05/18

Sl No	Description of item	Sides	No	L	B	D	Qty	Unit
B	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(Page No : 15, item No : 4.31)**							
	For Foundation							
	Plinth Beam							
	SWM		2	50.80		0.30	30.48	
	Toilet		2	14.40		0.20	5.76	
	Shed		2	20.50		0.20	8.20	
	Roof Beam		2	50.80		0.30	30.48	
					Total Quantity		**74.92**	**Sqm**

Assistant Engineer

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Name of Work: Solid Waste Management Work in Ward No 08.

Job Code : 008-17-000063 10/05/17

SI No	Description of item	Sides	No	L	B	D	Qty	Unit
10	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(Page No : 16, item No : 4.32)**							
	Column							
	C1 (300 X 450) mm		4	1.50		5.33	31.98	
	C2 (230 X 450) mm		8	1.36		5.33	57.99	
					Total Quantity		**89.97**	**Sqm**

Assistant Engineer

Assistant Executive Engineer

Name of Work: Solid Waste Management Work in Ward No 08. 28/07/18. 16/06/

Work Code : 008-17-000063 20/4/18. 30/04/18, 08/05/18, 02/06/

Sl No	Description of item	Sides	No	L	B	D	Qty	Unit
	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 **(Page No : 17, item No : 4.46.2)**							
	Footings							
	(FI (1725 X 1600) mm							
	16 mm Dia Main Bars	4	12	1.80		1.58	136.53	
	10 mm Dia Distribution Bars	4	11	1.93		1.58	133.85	
	(F2: 1500 X 1300) mm							
	16 mm Dia Main Bars	8	10	1.50		1.58	189.63	
	10 mm Dia Distribution	8	9	1.70		1.58	193.42	
	Plinth Beam							
	PB1 to PB3							
	12 mm dia @ Top	2	2	15.41		1.58	97.41	
	12 mm dia @ Bottom	2	2	15.41		1.58	97.41	
	12 mm dia @ End Support	2	2	1.53		0.89	5.42	
	12 mm dia @ at End Support	2	2	1.53		0.89	5.42	
	12 mm dia @ at Middle	2	2	2.63		0.89	9.35	
	12 mm dia @ at Middle	2	2	2.63		0.89	9.35	
	12 mm dia Extra Bar at Support	2	6	3.42		1.58	64.85	
	Distribution Bars							
	8 mm Dia							
	PB1							
	Right side	2	9	1.30		0.40	9.24	
	Middle	2	15	1.30		0.40	15.41	
	Left side	2	9	1.30		0.40	9.24	
	PB2							
	Right side	2	9	1.30		0.40	9.24	

Assistant Engineer

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Name of Work: Solid Waste Management Work in Ward No 08.

Job Code : 008-17-000063 14/08/18.

Sl No	Description of item	Sides	No	L	B	D	Qty	Unit
	C2 (230 X 450) mm							
	Main Bars							
	16 mm Dia	8	10	1.000		1.58	126.42	
	Distribution Bars							
		8	5	1.500		0.40	23.70	
	Slabs							
	S1							
	Main Bars 8mm @150 c/c	1	31	2.15		0.40	26.33	
	Ditribution Bars 8mm @ 150 c/c	1	11	4.60		0.40	19.99	
	Slab Projection							
	Main Bars 8mm @150 c/c	1	5	0.70		0.40	1.38	
	Ditribution Bars 8mm @ 150 c/c	1	4	0.75		0.40	1.19	
	Chajja							
	Main Bars 8mm @150 c/c	1	19	1.00		0.40	7.51	
	Ditribution Bars 8mm @ 150 c/c	1	5	2.90		0.40	5.73	
							3369.05	
					Total Quantity		**3.37**	
					Quantity Limited to		**3.36**	**Tonne**

Assistant Executive Engineer
RR Nagar, Sub-Division,
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KRIDL

Assistant Engineer

Assistant Executive Engineer

Name of Work: Solid Waste Management Work in Ward No 08.

Job Code : 008-17-000063 05/05/18

Sl No	Description of item	Sides	No	L	B	D	Qty	Unit
14	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto SO m. and lift upto 1.S m. including cost of all labour complete as per specifications. specification. No. KBS **(Page No : 6, item No : 2.10)**							
	Area of Footing							
	F1 (1725 X 1600) mm		4	1.925	1.80	2.00	27.72	
	F2 (1500 X 1300) mm		8	1.700	1.50	2.00	40.80	
	Deduct Column							
	C1 (300 X 450) mm	-1	4	0.45	0.30	1.40	-0.76	
	C2 (230 X 450) mm	-1	8	0.45	0.23	1.40	-1.16	
	Deduct Footing Raft							
	F1 (1725 X 1600) mm	-1	4	1.925	1.80	0.45	-6.24	
	F2 (1500 X 1300) mm	-1	8	1.700	1.50	0.45	-9.18	
	Deduct Footing PCC							
	F1 (1725 X 1600) mm	-1	4	1.925	1.80	0.15	-2.08	
	F2 (1500 X 1300) mm	-1	8	1.700	1.50	0.15	-3.06	
					Total Quantity		**46.05**	**Cum**

Assistant Executive Engineer,
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Assistant Engineer

Assistant Executive Engineer